

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

Box 18283, Springfield, IL 62794-8283

Phone: (217) 492-4285

**U. S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE**



**NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION**

Midwest Agricultural
Weather Service Center
Purdue University
West Lafayette, Indiana 47907
Phone: (317) 743-2272



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CROPS

Harvesting of corn and soybeans continued to progress well ahead of average, but was slowed at midweek in some areas of Illinois by rain showers. Harvest was the most active in the southern two-thirds of the State. Farmers were also harvesting sorghum, chopping corn silage, mowing set-aside acres for the final time, preparing soil for winter wheat, seeding winter wheat, tilling set-aside acres, fall plowing and disking, repairing machinery, and tending to livestock. A few farmers were also harvesting a fourth cutting of alfalfa. The Northeast, Northwest, and West Districts reported cases of damage from stalk rot and corn borer. The soil moisture supplies improved during the week. The Northeast District was still reporting surplus moisture and so were parts of the Northwest, West, and East Districts. For the week of September 12-18, there was an average of five days reported as suitable for fieldwork.

By September 20, 98% of the **CORN** acreage was mature compared to 93% last year and the 5-year average (1982-86) of 82%. Twenty-nine percent of the corn acreage was harvested, compared to 13% last year and the average of 7%. Condition of the corn crop on September 18 was reported to be 15% excellent, 67% good, 17% fair, and 1% poor.

By September 20, 96% of the **SOYBEAN** acreage was turning yellow compared to 90% last year and the average of 85%. Seventy-seven percent of the soybean crop had started shedding leaves, compared to 73% last year and the average of 62%. Twenty-nine percent of the soybean crop was harvested, compared to 15% last year and the average of 10%. Condition of the soybean crop on September 18 was reported to be 4% excellent, 63% good, 30% fair, and 3% poor.

Condition of the **SORGHUM** crop on September 18 was rated as 5% excellent, 85% good, and 10% fair. By September 20, 90% of the sorghum crop was mature compared to 59% last year. Forty-five percent of the sorghum acreage was harvested, compared to 8% last year and the average of 5%.

By September 20, 3% of the **WINTER WHEAT** acreage was seeded, compared to 2% last year and the average of 3%.

By September 20, the third cutting of **ALFALFA HAY** was 95% complete, compared to 100% last year and the average of 99%. Condition of the crop on September 18 was reported as 22% excellent, 59% good, 14% fair, and 5% poor.

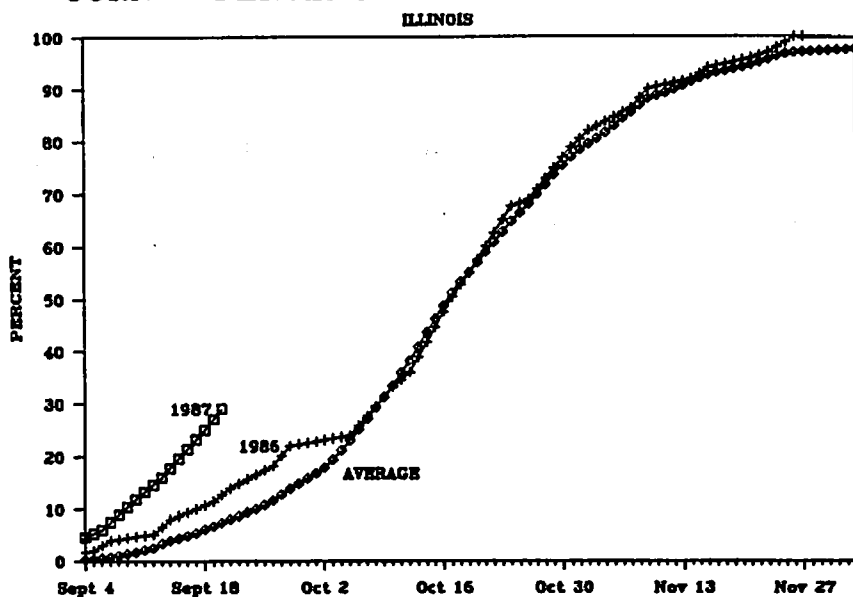
PASTURE condition on September 18 was reported to be 11% excellent, 40% good, 33% fair, 14% poor, and 2% very poor.

SOIL MOISTURE on September 18 was reported as 43% short, 51% adequate, and 6% surplus.

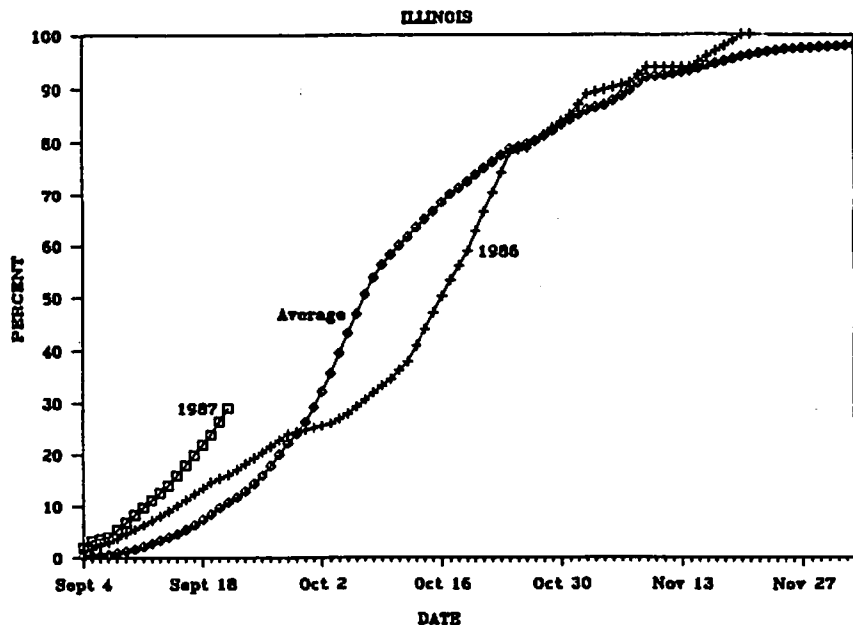
ILLINOIS CROP REPORTING DISTRICT SUMMARY

District	Corn		Soybean		Days suit-		Soil	
	: acreage %		: acreage %		: able for		moisture percent	
	: harvested	: harvested	: harvested	: harvested	: fieldwork	: Short	: Adequate	: Surplus
	: Week ending September 20				Week ending September 18			
Northwest	: 10	10	3.0	10	80	10		
Northeast	: 8	8	3.5	0	75	25		
West	: 30	20	4.0	20	75	5		
Central	: 40	30	6.0	60	40	0		
East	: 30	30	4.5	30	60	10		
West-Southwest	: 40	30	6.0	85	15	0		
East-Southeast	: 40	50	6.0	65	35	0		
Southwest	: 55	30	6.0	25	75	0		
Southeast	: 40	30	6.5	85	15	0		
State	: 29	29	5.0	43	51	6		
5-Yr. Avg.	: 7	10						

CORN - PERCENT OF ACREAGE HARVESTED



SOYBEANS - PERCENT OF ACREAGE HARVESTED



WEATHER

WARM HUMID WEATHER EARLY IN THE PERIOD GAVE WAY TO COOLER CONDITIONS AT ITS END. AVERAGE HIGH TEMPERATURES OVER THE WHOLE PERIOD RANGED FROM AS LOW AS 70 DEGREES IN THE NORTH-EAST TO THE MID-80'S IN THE EXTREME SOUTH. THESE VALUES WERE 2 TO 3 DEGREES BELOW NORMAL IN THE NORTH BUT RANGED TO 2 TO 3 DEGREES ABOVE NORMAL IN THE SOUTH. AVERAGE LOWS RANGED FROM AROUND 50 NORTH TO AROUND 60 SOUTH, STILL EXCEEDING NORMAL BY A FEW DEGREES IN NEARLY ALL AREAS. COOLEST NIGHTS PRODUCED LOWS IN THE 40'S OVER ALL BUT THE SOUTH PART OF THE STATE. HIGHEST TEMPERATURES WERE INTO THE 90'S IN THE CENTRAL AND SOUTH, BUT HELD IN THE 80'S IN THE NORTH AND REACHED ONLY 76 DEGREES AT ELIZABETH.

PRECIPITATION WAS WIDESPREAD WITH TOTALS IN EXCESS OF AN INCH IN MANY AREAS. MOST STATIONS RECEIVED MORE THAN A HALF-INCH BUT REPORTS INDICATE SEVEN-DAY TOTALS FROM AS LOW AS 0.30 IN. AT SPRINGFIELD TO 2.07 IN. AT OLIVE BRANCH.

OUTLOOK: COOL WEATHER IS EXPECTED TO CONTINUE THRU THE WEEK OF THE 21ST, WITH HIGHS LIMITED TO THE 60'S NORTH AND 70'S SOUTH. LOWS ARE EXPECTED TO RANGE FROM THE MID-40'S TO THE MID-50'S. A FEW SHOWERS COULD DEVELOP IN THE NORTH LATE IN THE WEEK.

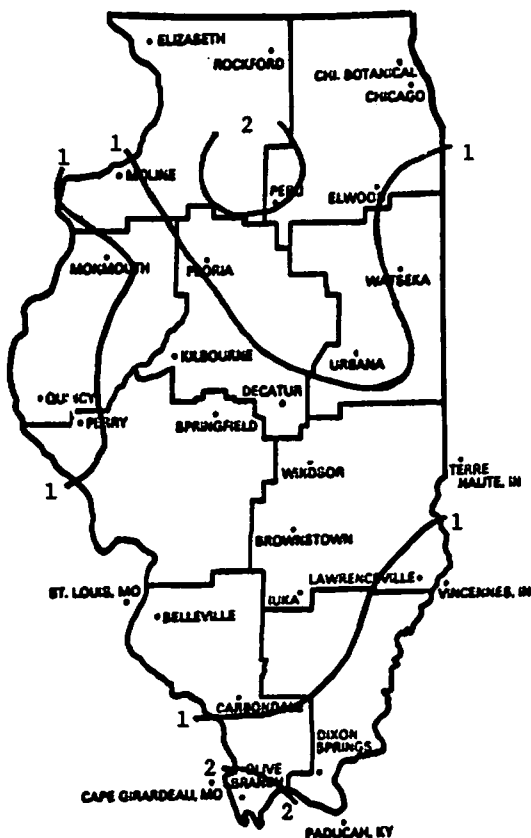
Week ending 8 A.M. Monday, September 21, 1987

Location	Temperatures			Precipitation			Growing Degree Days(50F)		
	Maxi-	Mini-	Deper-	Curr.:	Since:	Departure	Curr.:	Since	Departure
	mum	mum	ture	:week	:May 1:	since May 1:	week	: May 1:	since May 1
ELIZABETH	70	50	-1	1.53	15.49	-3.15	87	2745	236
ROCKFORD	71	55	1	1.21	26.46	7.22	100	2950	404
CHICAGO	72	59	2	0.73	25.73	8.88	114	3048	473
CHI BOTANICAL	71	56	-1	0.70	23.05	5.62	102	2828	20
ELWOOD	73	54	0	1.00	19.00	1.10	106	2992	374
WATSEKA	75	55	1	0.75	15.90	-3.09	116	3034	283
PERU	74	55	0	1.99	19.00	1.36	111	3042	187
MOLINE	74	57	2	0.40	22.97	3.13	116	3184	392
PEORIA	75	58	2	0.76	12.90	-4.79	122	3233	399
KILBOURNE	78	58	1	0.51	11.05	-7.78	128	3320	327
MONMOUTH	74	54	0	1.70	13.45	-4.91	109	3097	228
QUINCY	75	56	0	1.08	16.58	-2.98	116	3310	299
PERRY	77	56	0	1.12	13.07	-4.95	123	3136	67
SPRINGFIELD	79	57	1	0.30	12.49	-3.52	133	3422	368
DECATUR	79	60	2	0.33	15.90	-2.85	139	3326	260
URBANA	77	56	0	1.01	18.52	0.80	122	3236	323
WINDSOR	80	59	2	0.74	13.27	-4.64	140	3329	258
TERRE HAUTE	79	57	2	0.51	16.19	-1.52	135	3276	327
ST LOUIS	80	60	NA	0.32	16.26	NA	145	3718	NA
BELLEVILLE	81	58	2	0.25	17.00	0.25	144	3477	295
BROWNSTOWN	83	57	3	0.92	11.45	-6.86	146	3473	394
IUKA	82	56	1	0.75	14.00	-2.48	141	3310	110
LAWRENCEVILLE	81	57	NA	1.30	14.04	NA	139	3397	NA
VINCENNES	83	58	3	1.38	15.68	-3.10	145	3423	317
DIXON SPRINGS	85	59	2	1.13	16.91	-0.82	155	3556	216
PADUCAH	85	61	3	0.73	11.23	-7.20	161	3715	335
OLIVE BRANCH	84	61	3	2.07	13.94	-4.94	161	3634	335
CARBONDALE	84	57	2	0.99	14.62	-3.58	147	3429	205
C GIRARDEAU	83	61	NA	1.67	18.48	NA	157	3755	NA

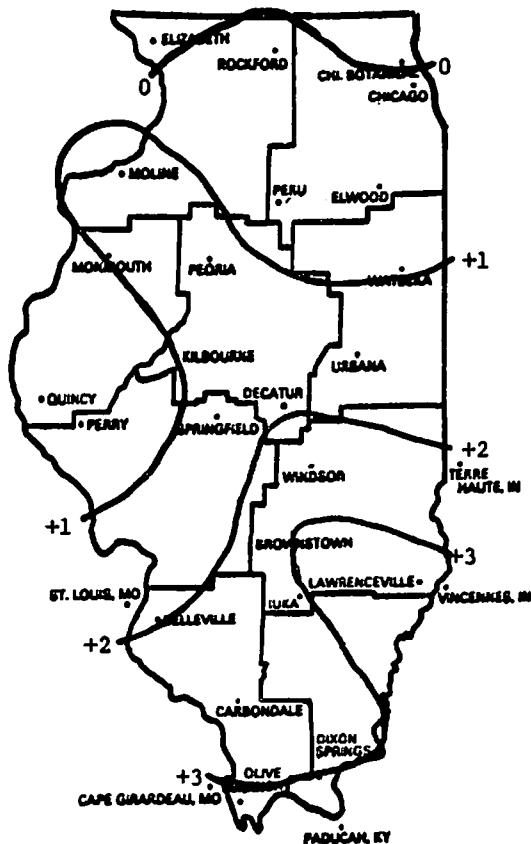
NEWSPAPER TIME VALUE

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PRECIPITATION (INCHES)
SEPTEMBER 15-21, 1987



TEMPERATURE DEPARTURE FROM
AVERAGE (°F) SEPTEMBER 15-21, 1987

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers. Additional WEATHER INFORMATION is provided by the Illinois State Water Survey, IDE&NR, Champaign, Ill.; and National Weather Service Cooperative Observers, NOAA, Rosemont, Ill.